## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6259424".pn.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 12:10
L2	31482	(group\$3 near5 pixel\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 12:21
L3	106	(group\$3 near5 pixel\$1) and (simultaneous with common\$4)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 12:22
L4	472	(time near2 sequential\$4 near2 driv\$4)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 12:34
L5	70	(time near2 sequential\$4 near2 driv\$4) and 345/87-110.ccls.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 12:52
L6	507	(driv\$4 near3 pixel\$1 near2 group\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 13:10
L7	156	(driv\$4 near3 pixel\$1 near2 group\$1) and 345/87-110.ccls.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 13:13
L8	129	(driv\$4 near3 pixel\$1 near2 group\$1) and 345/87-110.ccls. and @ay<="2006"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 13:13
L9	22712	(pixel\$1 near2 group\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 13:39
L10	6430	(pixel\$1 near2 group\$1) and (display\$4) and (liquid adj crystal\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 13:46
L11	3658	(pixel\$1 near2 group\$1) and (display\$4).ab. and (liquid adj crystal\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:23
L12	200	(drive with parallel) and (pixel\$1 near2 group\$1) and (display\$4).ab. and (liquid adj crystal\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:26

L13	159	(drive with parallel) and (pixel\$1 near2 group\$1) and (display\$4).ab. and (liquid adj crystal\$1) and @ay<="2006"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:26
L14	67428	((reduc\$4 or eliminat\$4) near2 (capacitor\$1 or transistor\$1))	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:46
L15	271	((reduc\$4 or eliminat\$4) near5 (capacitor\$1 or transistor\$1)) and display. ab. and @ay<="2006" and (pixel\$1 near2 group \$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:46
L16	102	((reduc\$4 or eliminat\$4) near5 (capacitor\$1 or transistor\$1)) and display. ab. and @ay<="2006" and (pixel\$1 near2 group \$1) and (liquid adj crystal). ab.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:47
L17	8	("20070252780"   "6175351"   "6181311"   "6359608"   "6611311"   "6924785"   "6972747"   "6977638").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/25 14:49
L18	22	((HUGUES) near2 (LEBRUN)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/25 15:43
L20	44	(US-20020018056-\$ or US-20050200788-\$ or US-20050190133-\$ or US-20020154253-\$ or US-20060284811-\$ or US-20060208985-\$ or US-20030201963-\$ or US-20030169223-\$ or US-20070085797-\$ or US-20070085797-\$ or US-20070252780-\$ or US-20050253797-\$ or US-20090096725-\$).did. or (US-7429981-\$ or US-6850218-\$ or US-6476785-\$ or US-5903250-\$ or US-5701166-\$ or US-5448258-\$ or US-4870396-\$ or US-7633472-\$ or US-5903249-\$ or US-5170158-\$ or US-5061920-\$ or US-6181311-\$ or US-5844538-\$ or US-5581273-\$ or US-7425940-\$ or US-581273-\$	US-PGPUB; USPAT	OR	OFF	2010/03/25

S3	2714	345/87-92,95.ccls. and (common near2 (pixel\$4 or value\$1 or voltage\$1))	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:37
S2	10014	345/87-92,95.ccls.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:36
S1	2	"20030030609" or "20030090448"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:09
_30	196	(liquid adj crystal) and ((color or colour) adj wheel) and reflect\$4 and "345".clas. and display.ab. and (light adj source\$1)	US-PGPUB; USPAT	OR	OFF	2010/03/25 18:13
L29	240	(liquid adj crystal) and ((color or colour) adj wheel) and reflect\$4 and "345".clas. and display.ab.	US-PGPUB; USPAT	OR	OFF	2010/03/25 18:12
L28	372	(liquid adj crystal) and ((color or colour) adj wheel) and reflect\$4 and "345".clas.	US-PGPUB; USPAT	MOR	OFF	2010/03/25 18:12
L27	2297	(liquid adj crystal) and ((color or colour) adj wheel) and reflect\$4	US-PGPUB; USPAT	OR	OFF	2010/03/25 18:12
L26	2	"20040041768"	US-PGPUB; USPAT	OR	OFF	2010/03/25 17:13
L25	5	"589930".ap.	US-PGPUB; USPAT	OR	OFF	2010/03/25 17:11
L24	0	"589930".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/25 17:11
L23	10	20 and (project\$4)	US-PGPUB; USPAT	OR	OFF	2010/03/25 16:32
L22	6	20 and (mirror\$1)	US-PGPUB; USPAT	OR	OFF	2010/03/25 16:30
L21	0	20 and (wheel\$1)	US-PGPUB; USPAT	OR	OFF	2010/03/25 16:29
		\$ or U\$-7605830-\$ or U\$-7006066-\$ or U\$-6965365-\$ or U\$-6911964-\$ or U\$-6421037-\$ or U\$-5923311-\$ or U\$-53333004-\$ or U\$-5745090-\$ or U\$-6011531-\$ or U\$-7084842-\$ or U\$-6259424-\$ or U\$-7173600-\$).did.				

S4	651	345/87-92,95.ccls. and (common near2 (pixel\$4 or value\$1 or voltage\$1)) and averag\$4	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:37
<b>S</b> 5	489	345/87-92,95.ccls. and (common near2 (pixel\$4 or value\$1 or voltage\$1)) and averag\$4 and @ay<="2005"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:37
<b>S</b> 6	428	345/87-92,95.ccls. and (common near2 (pixel\$4 or value\$1 or voltage\$1)) and averag\$4 and @ay<="2004"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:37
<b>S</b> 7	97	345/87-92,95.ccls. and (common near2 (pixel\$4 or value\$1 or voltage\$1)) and averag\$4 and @ay<="2004" and ((adjacent or neighbor\$4) near3 (pixel))	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:38
S8	1	"6476785".pn.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/11 18:57
<b>S</b> 9	14	("4870396"   "5448258"   "5504601"   "5642133"   "5666130"   "5686932"   "5701166"   "5767926"   "5903250"   "6091393"   "6295054").PN. OR ("6476785").URPN.	US-PGPUB; USPAT; USOCR	MOR	OFF	2010/03/11 18:58
S10	224	"345".clas. and (reduc\$4 with (capacit\$5 or transist \$5 or size\$1) with pixel\$1) and (liquid adj crystal) and (project\$4 or (color adj wheel\$1)) and averag \$4	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 12:31
S11	27	("5012228"   "5061920"   "5170158"   "5296870"). PN. OR ("5448258"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 12:31
S12	66	("4210934"   "4257068"   "4571584"   "4574282"   "4646074"   "4742346"   "4748510"   "4870399"). PN. OR ("5170158"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 12:36

S13	16	("20010052597"   "20020018056"   "20020044109"   "20020047822"   "20020075211"   "20020113872"   "20020140364"   "20040113872"   "5448258"   "5923311"   "5977940"   "6075505"   "6738031"   "6795050"   "7173612"   "7230597"). PN. OR ("7633472"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 12:39
S14	29	("4822142"   "4936656"   "5132677"   "5453857"   "5457552").PN. OR ("5701166").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 12:56
S15	70	("3862360"   "4114070"   "4149151"   "4335936"   "4359729"   "4393405"   "4429305"   "4432610"   "4455576"   "4471347"   "4492979"   "4496977"   "4591848"   "4649383"   "4651149"   "4694349"   "4710768").PN. OR ("4870396").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 13:07
S16	14	("4870396"   "5172249"   "5337068"   "5619225"   "5694145").PN. OR ("6181311").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 13:32
S17	67	("4432610"   "4532506"   "4781437"   "4870396"   "4927243"   "5058994"   "5111195"   "5151689"   "5165075"   "5172107"   "5194974"   "5345250"   "5365284"   "5404074"   "5404235"   "5602562"). PN. OR ("5844538"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 13:40
S18	67	("4432610"   "4532506"   "4781437"   "4870396"   "4927243"   "5058994"   "5111195"   "5151689"   "5165075"   "5172107"   "5194974"   "5345250"   "5365284"   "5404074"   "5404235"   "5602562"). PN. OR ("5844538"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 13:43

S19	1453	345/87-92,95,98,103.ccls. and ((adjacent or neighbor \$4) near3 (pixels))	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 13:48
S20	1151	345/87-92,95,98,103.ccls. and ((adjacent or neighbor \$4) near3 (pixels)) and alternat\$5	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 13:49
S21	120	345/87-92,95,98,103.ccls. and ((adjacent or neighbor \$4) near3 (pixels)) and alternat\$5 and (averag\$4 near2 (voltage\$2 or grayscal\$4 or luminanc \$4))	US-PGPUB; USPAT; JPO	MOR	OFF	2010/03/15 13:53
S22	19	345/87-92,95,98,103.ccls. and ((adjacent or neighbor \$4) near3 (pixels)) and alternat\$5 and (color adj wheel)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 14:19
S23	254	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and alternat \$5 and ((color or colour) adj wheel)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 14:20
S24	237	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and alternat \$5 and ((color or colour) adj wheel) and (reflect\$2 or mirror\$4)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 14:21
<b>S</b> 25	90	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and alternat \$5 and ((∞lor or ∞lour) adj wheel) and (reflect\$2 or mirror\$4) and capacit\$6	US-PGPUB; USPAT; JPO	MINOR	OFF	2010/03/15 14:21
S26	6	((PATRICK) near2 (MORVAN)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/15 14:23
S27	2	((PHILIPPE) near2 (RIO)).	US-PGPUB; USPAT	OR	OFF	2010/03/15 14:23
S28	1	((MAURICE) near2 ((FRITSCH)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/15 14:23
S29	66	((DIDIER) near2 (DOYEN)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/15 14:23
S30	71	S26 or S27 or S28 or S29	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 14:29
S31	0	("2007/0279348").URPN.	USPAT	OR	OFF	2010/03/15 14:33

S32	7381	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and capacit \$6	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:48
S33	19	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and capacit \$6 and (common adj value \$2)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:49
S34	0	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and capacit \$6 and (slave adj pixel\$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:50
<b>S</b> 35	0	(liquid adj crystal) and ((adjacent or neighbor\$4) near3 (pixels)) and capacit \$6 and (slave NEAR2 pixel \$1)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:50
S36	295	(liquid adj crystal) and (((adjacent or neighbor\$4) near3 (pixels)) with shar \$5) and capacit\$6	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:50
<b>S</b> 37	397	(liquid adj crystal) and (((adjacent or neighbor\$4) near3 (pixel\$1)) with shar \$5) and capacit\$6	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:50
S38	265	(liquid adj crystal) and (((adjacent or neighbor\$4) near3 (pixel\$1)) with shar \$5) and capacit\$6 and @ay<="2005"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 15:51
S39	2	("4532535"   "6652776"). PN. OR ("7425940"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 16:39
S40	34	(slave adj pixel\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/15 16:52
S41	10385	(reduc\$4 near2 capacit\$6) and (liquid adj crystal)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 16:54
S42	6	"20030030609" or "20030090448" or "5581273".pn. or "5926158".pn. or "2002060674" or "2003169379"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 17:00

S43	6	"20030030609" or "20030090448" or "5581273".pn. or "5926158".pn. or "20020060674" or "2003169379"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 17:01
S44	6	"20030030609" or "20030090448" or "5581273".pn. or "5926158".pn. or "20020060674" or "20030169379"	US-PGPUB; USPAT; JPO	WOR	OFF	2010/03/15 17:01
S45	7379	(reduc\$4 near2 capacit\$6) and (liquid adj crystal) and @ay<="2005"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 17:02
S46	4159	(reduc\$4 near2 capacit\$6) and (liquid adj crystal) and @ay<="2005" and common	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 22:34
S47	53	(reduc\$4 near2 capacit\$6) and (liquid adj crystal) and @ay<="2005" and common and dither\$5	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 22:35
S48	1	"20040189567"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/15 22:43
S49	3	("6933910", "6414665", "6753839").pn.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/22 14:42
S50	2259	345/92,103.ccls.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/22 14:59
S51	502	345/92,103.ccls. and (capacitor\$1).clm.	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/22 14:59
S52	378	345/92,103.ccls. and (capacitor\$1).clm. and @ay<="2005"	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/22 14:59
S53	346	345/92,103.ccls. and (capacitor\$1).clm. and @ay<="2005" and (eliminat\$4 or reduc\$4)	US-PGPUB; USPAT; JPO	OR	OFF	2010/03/22 15:00
S54	18	("5095304"   "53333004"   "5424752").PN. OR ("5923311").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 16:23

S55	116	("20010052597"   "20020018056"   "20020044109"   "20020047822"   "20020075211"   "20020113872"   "20020140364"   "20040113872"   "5448258"   "5923311"   "5977940"   "6075505"   "6738031"   "6795050"   "7173612"   "7230597"). PN. OR ("7633472"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 16:24
S56	12	("4728172"   "4753518"   "4775861"   "5159476"). PN. OR ("5333004"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 16:35
S67	14	("5579140"   "6023308"   "6028577"   "6323871"   "6476787"   "6486930"   "6501453"   "6512504"   "6583777"   "6727875"). PN. OR ("6933910"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 17:02
S58	3	("2003/0169223").URPN.	USPAT	OR	OFF	2010/03/22 17:18
S59	8	("4873516"   "5253091"   "5313222"   "6011531"   "6011534"   "6593905"   "6646637"   "6933910"). PN. OR ("7102630"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 18:08
S60	16	("4736234"   "4931787"   "5095304"   "5319480"   "5349174").PN. OR ("6011531").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 18:10
S61	12	("4728172"   "4753518"   "4775861"   "5159476"). PN. OR ("5333004"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 18:26

## 3/25/2010 7:15:27 PM

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